Unit 201: Employment and employability in the building services engineering sector

# Worksheet 12: Solution-driven problem-solving and scope of responsibility (learner)

**Task 1**: Using the scenario provided, answer the questions that follow.

You are an electrician working on a new build school project. You are responsible for installing emergency lighting systems within the building. You are using a particular type of cable that you have used before, but you are not sure if it meets the local building regulations. The cable was supplied by the client and the project manager has not provided you with any specifications or guidelines regarding the cable.

1. What steps would you take to find out if the cable you are using is compliant with local building regulations?

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1. What are the consequences of using non-compliant cable?

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1. Why is it important to involve your supervisor in this situation?

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1. How would you approach your supervisor about your concerns?

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1. What could you do to prevent a similar situation from occurring in the future?

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**Task 2**: As a self-employed tradesperson in the UK, effective problem-solving skills are essential for your success. Put the steps below in order in the spaces provided.

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

* Evaluate the solutions
* Generate solutions
* Define the problem
* Implement the solution
* Evaluate the outcome
* Gather information

**Task 3**: Using the space provided, answer the questions below related to scope of responsibility within industry.

1. What is the scope of responsibility for a tradesperson within industry?

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1. Why is it important for a tradesperson to have a good understanding of their responsibilities?

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1. How can a tradesperson ensure that they are meeting their responsibilities?

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1. What are some potential consequences of a tradesperson failing to meet their responsibilities?

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1. How can employers support their tradespeople in meeting their responsibilities?

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1. What are some situations where it might be necessary to involve a supervisor in problem-solving as a tradesperson within industry?

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1. How can tradespeople determine when it is appropriate to pass on responsibility for problem-solving to a supervisor?

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1. Why is it important to involve a supervisor in problem-solving cases where the problem poses a risk to safety or health?

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1. How can effective communication with supervisors help in problem-solving as a tradesperson?

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